

CAPITAL PROJECTS DETAIL

530 Dept of Corrections and Rehabilitation

Version: 2011-R03-00530

Date: 01/13/2011

Time: 12:05:45

Capital Project			
YCC - Utility Tunnel Roof and Roadway Improvements			
	Total Project Cost	Request/Optional	Recommendation
		888,192	43,328
	General Fund	888,192	43,328
	Federal Funds	0	0
	Special Funds	0	0
	Bonding	0	0

Is this a multibiennium project? No	No of Biens: 1	Est. Costs 888,192
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Future Increased Costs Associated with Project Approval							
	2011-2013	2013-2015	2015-2017		2011-2013	2013-2015	2015-2017
Salaries and Wages	0	0	0	FTE	0.00	0.00	0.00
Operating Expenses	0	0	0				
Equipment > \$5,000	0	0	0	General Fund	0	0	0
IT Equipment > \$5,000	0	0	0	Federal Funds	0	0	0
Special Lines	0	0	0	Special Funds	0	0	0
Total	0	0	0	Total	0	0	0

Project Specifics and Justification

The YCC utility tunnel system was evaluated by a local structural engineering firm (AE2S) in the summer of 2010. The resulting report identified considerable deterioration of the tunnel ceilings in several critical YCC campus locations. Concrete slabs at road crossings are delaminating thus exposing the reinforcing steel on the bottom surface of the slab. As a result of the deterioration the load bearing capacity in some areas has been reduced considerably. Temporary emergency repairs to the most seriously affected areas were completed in the summer of 2010, this funding would allow for the permanent repair of both the utility tunnel roof and adjacent roadway in addition to completing necessary repair on access roads and parking lots.

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Capital Project			
JRCC ET Bldg - Cabinet Unit Ventilator			
	Total Project Cost	Request/Optional	Recommendation
		935,000	574,640
	General Fund	935,000	574,640
	Federal Funds	0	0
	Special Funds	0	0
	Bonding	0	0

Is this a multibiennium project? No	No of Biens: 1	Est. Costs 935,000
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Future Increased Costs Associated with Project Approval								
	2011-2013	2013-2015	2015-2017		2011-2013	2013-2015	2015-2017	
Salaries and Wages	0	0	0	FTE	0.00	0.00	0.00	
Operating Expenses	0	0	0					
Equipment > \$5,000	0	0	0	General Fund	0	0	0	
IT Equipment > \$5,000	0	0	0	Federal Funds	0	0	0	
Special Lines	0	0	0	Special Funds	0	0	0	
Total	0	0	0	Total	0	0	0	

Project Specifics and Justification

Material and labor to replace heating, cooling and ventilation cabinet units in 52 dorm rooms in the ET Building. The overall age of the building combined with the the building setting unoccupied for 15 years has caused deterioration of coils - either by freezing or carbonic acid from untreated condensate. Because the coils are old, currently replacement coils are specially fabricated at a considerable cost. In addition the pneumatic control system no longer functions as designed which requires staff to run the cooling and ventilation units manually, which very energy efficient (overheating or over-cooling condition). Properly functioning controls would allow the system to monitor and set room temperature thus saving heating and cooling dollars. This request includes labor, material, design fees, advertising and printing fees.

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Capital Project			
NDSP Access Road			
	Total Project Cost	Request/Optional	Recommendation
		988,669	0
	General Fund	988,669	0
	Federal Funds	0	0
	Special Funds	0	0
	Bonding	0	0
Is this a multibiennium project? No No of Biens: 1 Est. Costs 988,669			

Future Increased Costs Associated with Project Approval							
	2011-2013	2013-2015	2015-2017		2011-2013	2013-2015	2015-2017
Salaries and Wages	0	0	0	FTE	0.00	0.00	0.00
Operating Expenses	0	0	0				
Equipment > \$5,000	0	0	0	General Fund	0	0	0
IT Equipment > \$5,000	0	0	0	Federal Funds	0	0	0
Special Lines	0	0	0	Special Funds	0	0	0
Total	0	0	0	Total	0	0	0

Project Specifics and Justification

Secondary access road improvement include the construction of a west bound turning lane off Bismarck Expressway, moving one existing traffic turning light and adding one new traffic turning light at the intersection of Bismarck Expressway and Yegen Road. . Intersection at Expressway and Yegen Road must be built to federal, state and city guidelines to insure traffic safety and a continuous flow of traffic. This portion of the project is included in the DOT budget request for 11-13.

DOCR on site road improvements in this request include the construction of 3,900 ft of roadway built to Standard Specification for Road Construction as required by N. D. Department of Transportation. Street lighting on Railroad Avenue from 26th Street to the main penitentiary parking lot and along the entire 3,900 of secondary road. Improvement are necessary to provide safe and continuous access to the penitentiary for emergency vehicles and staff who would otherwise be block by 100 car freight trains crossing the main road to penitentiary. Crossings occur several times a week and stop access to the penitentiary for 8 to 15 minute each time. Railroad traffic is projected to double in the next two years increasing the possibility of blocked access Project costs include design fees, material, and labor.